

What is Claimed:

(1)

A system for filtering messages associated with coordinate way points, the system comprising:

5 a mobile radio service provider network;

a plurality of subscriber devices enabled to function with said mobile radio service provider network;

at least one user interface inherent to said devices for facilitating two-way communication with said network, said devices each possessing a unique identification number;

10 said device enabled to be set to a specific area of granularity within said provider network, wherein messages outside said area of granularity would be not be receivable to said subscriber and messages within said area of granularity would be receivable to said subscriber, wherein said messages are associated with a specific coordinate way point and are not associated with a specific subscriber within said network.

15 (2)

The system according to claim 1 wherein said messages are stored in a database within said network.

(3)

The system according to claim 1 wherein said devices include personal computers, cell

20 phones, personal digital assistants, user-supported computer.

(4)

The system according to claim 1 wherein said devices are located within said network by a positioning algorithm based on a method selected from the group consisting of

triangulation of multiple signals, signal strengths of multiple signals, time difference of arrival of different signals, angle of arrival differences of different signals, GPS signals, and combinations thereof.

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(5)

The system according to claim 2 wherein said mobile radio service provider network is divided up into a two-dimensional grid of grid points, said database associating a physical location of a user device with one of said grid points.

(6)

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The system according to claim 2 wherein said mobile radio service provider network is divided up into a three-dimensional grid of grid points, said database associating a physical location of a user device with one of said grid points.

(7)

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The system according to claim 1 wherein said mobile radio service provider network communicates using a protocol selected from the group consisting of CDMA, TDMA, FDMA, wide-band CDMA, and other

(8)

A method of filtering messages associated with coordinate way points, the method comprising the steps of:

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in a mobile radio service provider network, utilizing signal origination point determining hardware, a plurality of wireless subscriber communications devices activated on said network, and a unique beacon signal from each of said devices, identifying the location of a user within said network;

setting a level of spatial granularity to which said device will be responsive to said network;

monitoring said device's locations within said network using at least a beacon signal and hardware in either said device or in said network;

- 5 determining whether an available message meets the level of spatial granularity set in said device;

rejecting said messages that exceed the level of spatial granularity set in said device;

accepting said messages that are within said level of spatial granularity set in said device.